

Amendments to the Specification:

Please replace the title as follows:

~~WARP ANGLE MEASURING EQUIPMENT AND WARP ANGLE MEASURING
METHOD OF OPTICAL RECORDING MEDIUM~~

WARPAGE ANGLE MEASUREMENT APPARATUS AND WARPAGE ANGLE
MEASUREMENT METHOD FOR OPTICAL RECORDING MEDIUM

Please replace the paragraph beginning on page 2, line 19, with the following rewritten paragraph:

In this type of optical disc, the numerical aperture NA of the objective lens is increased up to about 0.85 as described above, and a distance between the objective lens and the optical disc is shortened in accordance with the increased NA, as compared with a conventional optical disc such as CD (~~Cmpact~~ Compact Disc) and DVD (Digital Versatile Disc). Thus, there is a tendency that warpage causes interference between the optical disc and the objective lens more easily in this type of optical disc than in the conventional optical disc, even if the degree of the warpage is the same.

Please replace the paragraph beginning on page 6, line 17, with the following rewritten paragraph:

In summary, the above-described objectives are achieved by the following aspects of ~~the present invention~~ embodiments.

Please replace the paragraph beginning on page 11, line 12, with the following rewritten paragraph:

As shown in Fig. 1, a warpage angle measurement apparatus 10 includes: a constant temperature chamber 22 for accommodating an optical recording medium 20 in which an optical disc 16 as an object to be measured, which has a light-transmitting layer 14 thinner than a substrate 12, is mounted in a cartridge 18 so as to adjust the surrounding of the optical recording medium 20 to have a predetermined environmental condition; a laser ~~transmitter~~ oscillator 24 for causing laser oscillation to emit laser light to the optical disc 16; and a light-receiving unit 26 for receiving the laser light reflected from the optical disc 16 and detecting a relative angle of an optical path L2 of the reflected laser light with respect to an optical path L1 of the emitted laser light.

Please replace the paragraph beginning on page 14, line 19, with the following rewritten paragraph:

The laser ~~transmitter~~ oscillator 24 is arranged outside the constant temperature chamber ~~24~~ 22 under the through hole 22B and is attached onto the base 34 to emit laser light to the inside of the constant temperature chamber 22 through the through hole 22B. The laser ~~transmitter~~ oscillator 24 is arranged in such a manner that an angle of emission of the laser light is adjustable.

Please replace the paragraph beginning on page 23, line 18, with the following rewritten paragraph:

A warpage angle measurement apparatus 60 of the second exemplary embodiment is different from the warpage angle measurement apparatus 10 of the first exemplary

embodiment in that a through hole 22D is formed in a top board 22C of the constant temperature chamber 22, the through hole 22D is closed with the light-transmitting member 36, and the laser ~~transmitter-oscillator~~ 24 and the light-receiving unit 26 are attached above the through hole 22D of the constant temperature chamber 22. No through hole for allowing laser light to pass therethrough is formed in each of the base plate 40 and the intermediate plate 44 of the mounting posture adjusting mechanism 28. Except for the above, the structure of the warpage angle measurement apparatus 60 is the same as that of the aforementioned warpage angle measurement apparatus 10. Therefore, the same structure is labeled with the same reference numerals as those in Figs. 1 and 2 and the description thereof is omitted. The method for measuring an angle of warpage of the optical disc 16 is also omitted because it is the same as that in the first embodiment.

Please replace the paragraph beginning on page 25, line 8, with the following rewritten paragraph:

In the third exemplary embodiment, the warpage angle measurement apparatus 60 of the second exemplary embodiment is used for measuring the optical recording medium 10 of the first exemplary embodiment and the opening ~~18C-18B~~ for measurement is formed in the cartridge 18. Except for the above, the third exemplary embodiment is in common with the first and second exemplary embodiments. Therefore, the common components of the optical recording medium and the warpage angle measurement apparatus are labeled with the same reference numerals as those in Figs. 1, 2, and 5 and the description thereof is omitted. The method for measuring an angle of warpage of the optical disc 16 is also the same as that in the first embodiment and therefore the description thereof is omitted.

Please replace the paragraph beginning on page 25, line 22, with the following rewritten paragraph:

As described above, the opening ~~18C~~18B for measurement is provided in the cartridge 18. Thus, warpage of the optical disc can be measured irrespective of the shape of the cartridge. Moreover, the warpage at a desired position of the optical disc can be measured.

Please replace the Abstract with the attached amended Abstract.